

# ABSTRACT

An enhanced IMS AKA (21) that allows a UE to register with IMS for all multimedia applications to which it is subscribed. Some of the message content of some of the IMS AKA messages (22) per TS 3GPP 33.203 v 1.0.0 is augmented, and in particular, the message content of CM2 is augmented to include a list of all services to which the UE is subscribed along with either information that allows establishing SAs for each service or information that could be used as keying material or other input for other security mechanisms specific to each service.